

KENTUCKY

Science and Engineering Profile

	KY	U.S.	Rank		KY	U.S.	Rank
Doctoral scientists, 1995	3,855	453,928	33	Total R&D performance, 1995 (millions)	\$594	\$177,210	36
Doctoral engineers, 1995	432	86,738	37	Industry R&D, 1995 (millions)	\$452	\$130,332	36
S&E doctorates awarded, 1996	197	27,230	33	Academic R&D, 1995 (millions)	\$135	\$21,606	35
of which, in life sciences	35%	25%		of which, in life sciences	73%	55%	
in psychology	21%	13%		in engineering	15%	16%	
in engineering	15%	23%		in physical sciences	4%	10%	
S&E postdoctorates, 1995	236	35,379	31	Higher education current-fund expenditures, 1995 (millions)	\$2,012	\$182,602	29
in doctorate-granting institutions							
S&E graduate students, 1995	3,615	436,328	33	Number of SBIR awards, 1990-1996	43	26,399	40
in doctorate-granting institutions				Patents issued to state residents, 1996	319	61,099	33
Population, 1996 (000s)	3,884	269,067	24	Gross state product, 1994 (billions)	\$86.5	\$6,876.0	26
Civilian labor force, 1996 (000s)	1,867	135,528	25	of which, agriculture	3%	2%	
Personal income per capita, 1996	\$19,687	\$24,231	43	manufacturing, mining, construction	34%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1996 (millions)	\$19,618	\$1,368,858	25	wholesale and retail trade	14%	16%	
R&D obligations, 1995 (millions)	\$76	\$67,080	44	finance, insurance, real estate services	11%	19%	
				government	14%	20%	
					14%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Kentucky by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	75,670	5,911	0	5,008	61,993	1,102	1,656	44
Department of Agriculture	8,725	0	0	0	8,725	0	0	40
Department of Commerce	71	0	0	1	70	0	0	47
Department of Defense	10,846	4,053	0	4,061	2,732	0	0	43
Department of Energy	5,617	0	0	120	5,477	0	20	39
Dept. of Health & Human Services	36,486	0	0	806	34,073	1,102	505	34
Department of the Interior	1,895	1,817	0	0	78	0	0	46
Department of Transportation	1,419	0	0	6	282	0	1,131	40
Environmental Protection Agency	1,221	0	0	0	1,221	0	0	36
Nat'l Aeronautics & Space Admin.	1,386	41	0	0	1,345	0	0	46
National Science Foundation	8,004	0	0	14	7,990	0	0	41
State rank	44	50	na	46	34	45	39	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable